

NEWSLETTER JULY 2006

RESEARCH IMPLEMENTATION

The Arizona Transportation Research Center published its annual [Research Implementation Report](#) last March. To gain the greatest value from the research performed it is important to evaluate and learn from the results of the research. This maximizes the benefits of completed research and improves the selection and design of future research efforts. ATRC staff monitor the implementation of all completed research projects. Potential implementation is considered for all research proposals reviewed by the Research Council. As a project progresses, the technical advisory committee (TAC) for that project continues to evaluate potential implementation of the research. Finally, at the completion of each research study implementation is again the primary focus of the TAC and the Research Council.

Project AZ-596 provided valuable information to ADOT on photo speed enforcement systems and their capabilities.



Speed camera equipment

STATE PLANNING AND RESEARCH (SPR) PROJECTS

SMALL BUDGET RESEARCH PROJECT UPDATE

The ATRC small budget program sets aside \$100,000 each year for research studies with budgets of \$15,000 or less. Three new small budget projects have been approved and funded during the last quarter.

SPR-620, *Developing a Stabilized Public Transportation Revenue Source*

SPR-621, *High Density Polyethylene Pipe Fill Height Table*

SPR-623, *Increasing Vehicle Registration Compliance and Revenue through Proactive Identification*

COMPLETED PROJECTS

ATRC published two research reports during the last quarter.

- SPR-494, *Enhance the Pavement Management System so that It Can Determine Preventative Maintenance Strategy Effectiveness*
- SPR-580, *Barcode Asset Management System*

The reports are available online at: http://www.azdot.gov/TPD/ATRC/Publications/project_reports/index.asp

AASHTO National RAC Meeting

The American Association of State Highway and Transportation Officials (AASHTO) national Research Advisory Committee (RAC) met July 10-13, 2006 in Columbus, Ohio. ATRC Manager, Frank Darmiento, who represents the Arizona Department of Transportation (ADOT) on RAC, attended the meeting. During the meeting national research programs were reviewed, including the National Cooperative Highway Research Program and University Transportation Centers. In addition to providing a valuable source of information on national transportation research programs the RAC maintains an Internet Listserve which can be used to transmit or request information to transportation departments throughout the country. The RAC website address is: <http://www.transportation.org/?siteid=55>

Product Evaluation Program

The [Product Resource Investment Deployment and Evaluation \(PRIDE\) Program](#) coordinates the review and acceptance of new products for possible use by ADOT and maintains the Approved Products List (APL). Two committees provide the primary direction for the program. The Materials Product Evaluation Committee is chaired by State Materials Engineer, Jim Delton. The MatPEC directs the evaluation of products such as epoxies, retaining walls, drainage piping, joint sealers, patching materials, and detectable warning strips. The Traffic Control Product Evaluation Committee is chaired by State Traffic Engineer, Mike Manthey. The TCPEC directs the evaluation of products such as sign sheeting, crash absorption systems, striping materials, sign structures, and traffic signal components.

Approved products are listed on the APL which is updated monthly. The APL provides an easy reference for hundreds of products that have been evaluated and approved by the product evaluation committees. The APL can be downloaded from the Internet at: <http://www.azdot.gov/TPD/ATRC/PRIDE/apl.asp>

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MISSION: The ATRC mission is to pursue and share knowledge in transportation systems and programs.